



## PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10030539-1

SERIAL NO.

10/714,321

APPLICANT

Heumann et al

FILING DATE

11/15/03

GROUP

2882

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NUMBER	DATE	NAME
<i>DM</i>		6,002,739	12-14-1999	Heumann
<i>DM</i>		6,201,850	3-13-2001	Heumann
<i>DM</i>		4,926,452	5-15-1990	Baker et al.
<i>DM</i>		5,081,656	1-14-1992	Baker et al.
<i>DM</i>		5,097,492	3-17-1992	Baker et al.
<i>DM</i>		5,259,012	11-2-1993	Baker et al.

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	TRANSLATIO	
					YES	NO

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

<i>DM</i>	A. Louis and F. Natterer, "Mathematical Problems of Computerized Tomography", Proc. IEEE 71:379-389 (1983)
<i>DM</i>	K. Hanson and G. Wecksung, "Bayesian Approach to Limited-angle Reconstruction in Computed Tomography", J. Optimal. Sci. Am. 73:1501-1509 (1983)
<i>DM</i>	S. Geman and D. McClure, "Bayesian Image Analysis: An Application to Single Photon Emission Tomography", Proc. Statist. Comput. Sect. Amer. Stat. Soc. Washington, D.C., paragraph. 12-18. (1985)

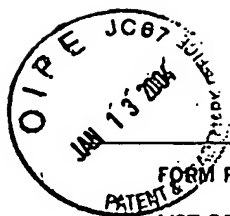
EXAMINER

*David Brown*

DATE CONSIDERED

6/2/05

\* Copies of these references are not enclosed pursuant to 37 CFR 1.98(d). (See accompanying IDS)



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<i>sem</i>	T. Hebert and R. Leah, "A Generalized EM Algorithm for 3-D Bayesian Reconstruction From Poisson Data Using Gibbs Priors", IEEE Trans. on Medical Imaging 8:194-202 (1989)
<i>sem</i>	P.J. Green, "Bayesian Reconstruction From Emission Tomography Data Using A Modified EM Algorithm", IEEE Trans. on Medical Imaging 9:84-93 (1990)
<i>sem</i>	K. Sauer and C.A. Bouman, "A Local Update Strategy For Iterative Reconstruction From Projections", IEEE Trans. On Signal Processing 41:534-548 (1993)

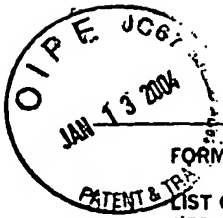
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*David Bruce*

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<i>DM</i>	P. Green, "Reversible Jump Markov Chain Monte Carlo Computation And Bayesian Model Determination", Biometrika 82:711-732 (1995)
<i>DM</i>	B. Ohnesorge, T. Flohr, K. Klingensbeck-Regn, "Efficient Object Scatter Correction Algorithm For Third and Fourth Generation CT Scanners", Eur. Radiol. 9, 563-569 (1999)
<i>DM</i>	T. Freese, C. Bouman, and K. Sauer, "Multiscale Bayesian Methods for Discrete Tomography", Discrete Tomography: Foundations, Algorithms, and Applications, edited by G. Herman and A. Kuba, Birkhauser Boston, Cambridge, MA, pp. 237-261 (1999)

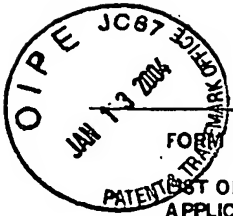
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*Don Morone*

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	C. Fox and G. Nicholls, "Exact MAP States and Expectations from Perfect Sampling: Grieg, Porteous, and Scheult Revisited", in Bayesian Inference and Maximum Entropy Methods in Science and Engineering, edited by A. Djafari, AIP Conference Proceedings, 568:252-263 (2001)
	J. Lui and C. Sabatti, "Generalised Gibbs sampler and multigrid Monte Carlo for Bayesian computation", Biometrika 87:353-369 (2000)

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